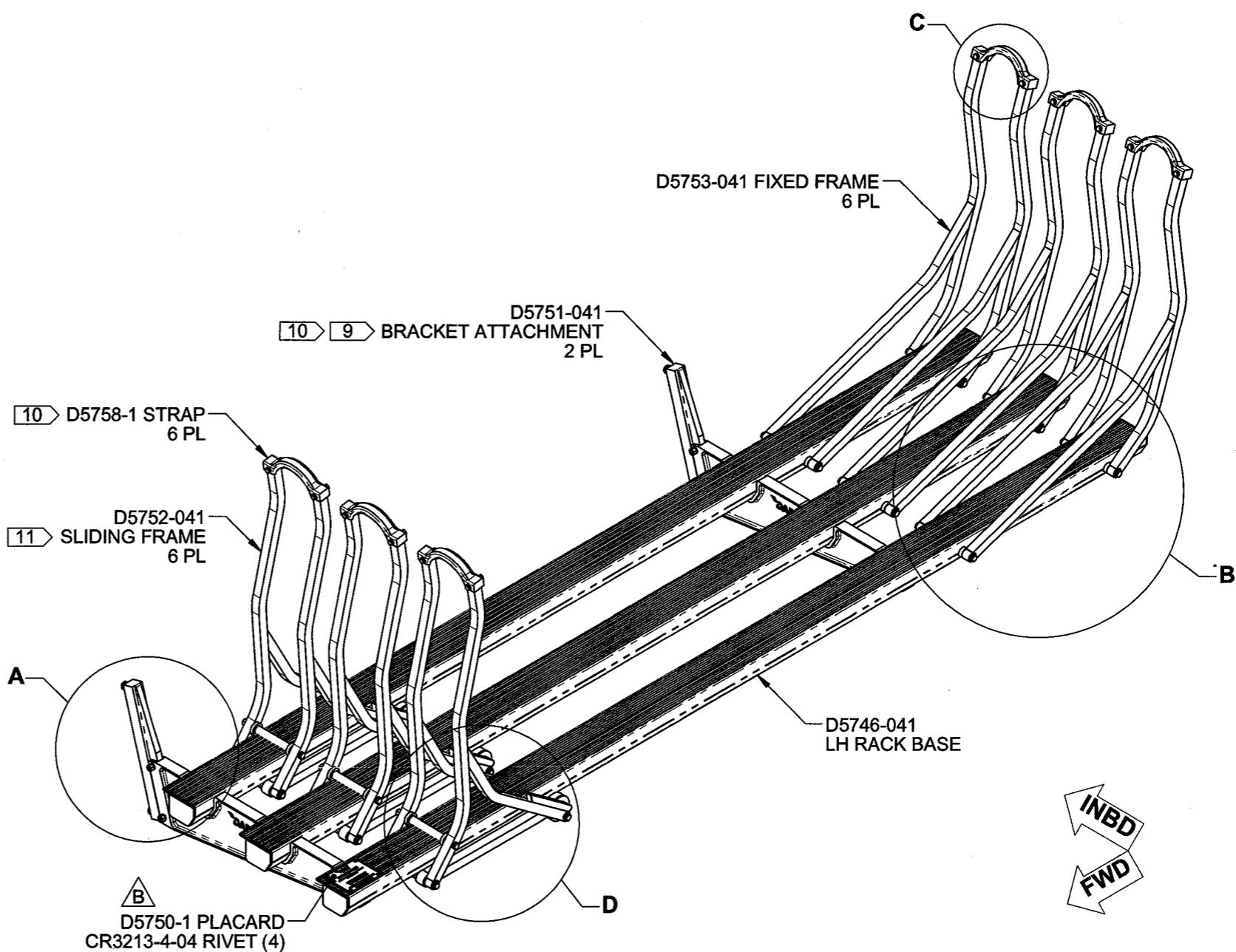


QTY -041	P/N	DESCRIPTION
X	D5745-041	LH BICYCLE RACK ASSEMBLY
1	D5746-041	LH RACK BASE
1	D5750-1	PLACARD
2	D5751-041	ATTACHMENT BRACKET ASSEMBLY
6	D5752-041	SLIDING FRAME
6	D5753-041	FIXED FRAME
3	D5754-041	LH CAM ASSEMBLY
3	D5755-1	UPPER ROLLER
3	D5755-3	LOWER ROLLER
9	D5757-1	BUSHING
6	D5758-1	STRAP
4	D5764-1	STUD
12	AN3-13A	BOLT
12	AN4-11A	BOLT
4	AN4-14A	BOLT
9	AN4-60A	BOLT
4	CR3213-4-04	CHERRYMAX RIVET
12	MS21044N3	NUT, SELF-LOCKING
13	MS21044N4	NUT, SELF-LOCKING
24	NAS1149F0363P	WASHER
38	NAS1149F0463P	WASHER
8	NAS1149F0663P	WASHER

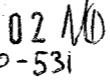


NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 
- 7) WEIGHT: 67.51 lbs
- 8) APPLY NICKEL BASED ANTI-SEIZE COMPOUND TO THREADS OF STUD, THEN INSTALL WITH BRACKET ATTACHMENT
- 9) APPLY LPS 3, OR EQUIVALENT CORROSION PREVENTATIVE COMPOUND TO FLANGE OF BRACKET ATTACHMENT AND BEAM SLOT PRIOR TO ASSEMBLY
- 10) ANY PAINT OR POWDER COAT THAT PREVENTS INSTALLATION OF BRACKET ATTACHMENT AND STRAP MAY BE REMOVED WITH SCOTCH BRITE. APPLY ALODINE TO UNCOATED AREAS PRIOR TO ASSEMBLY
- 11) ENSURE ROLLERS ARE FREE TO ROTATE WITH CAM OPEN AND FRAMES SLIDE ALONG RAIL
ENSURE CAM ROTATES TO LOCKED POSITION WITH LEVER PARALLEL TO FRAME
ENSURE FRAME CANNOT SLIDE ON RAIL WHEN CAM IS IN LOCKED POSITION
- 12) TORQUE TO 12-15 IN-LBS
- 13) TORQUE TO 30-40 IN-LBS
- 14) TORQUE TO 160-190 IN-LBS
- 15) ENSURE 1.5-4 THREADS ARE IN SAFETY

D5745-041 LH BICYCLE RACK ASSEMBLY
(DERIVED FROM AERO DESIGN P/N 100210-01-01)

RELEASED

2020 MAR 02 
ECN2020-531

APPROVED

B	REMOVE P/N AND S/N FROM PLACARD	NO	20.02.10
A	NEW ISSUE	KPT	19.12.19
REV.	DESCRIPTION	BY	DATE
DESIGN	KPT	DART AEROSPACE LTD	
DRAWN	NO	HAWKESBURY, ONTARIO, CANADA	
CHECKED	ZF	DRAWING NO.	REV. B
MFG. APPR.	DD	D5745	SHEET 1 OF 8
APPROVED	NO	TITLE	SCALE
DE APPR.	DS	BICYCLE RACK ASSEMBLY	NTS
DATE	20.02.10	COPYRIGHT © 2019 BY DART AEROSPACE LTD	
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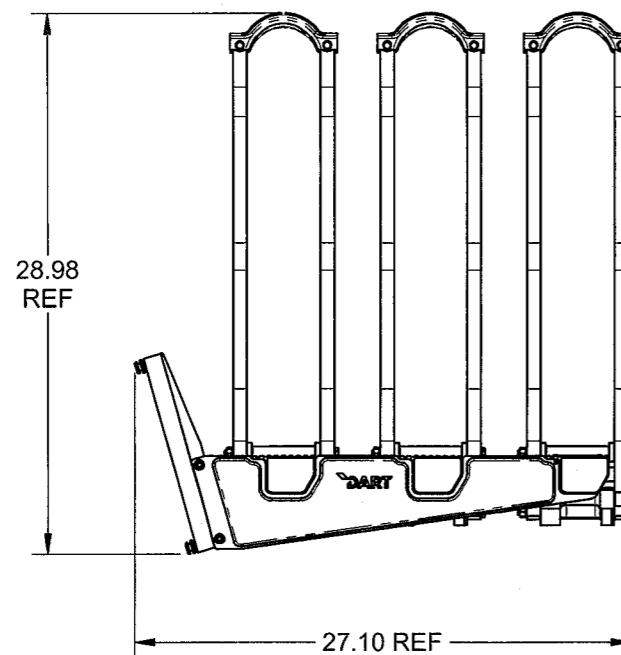
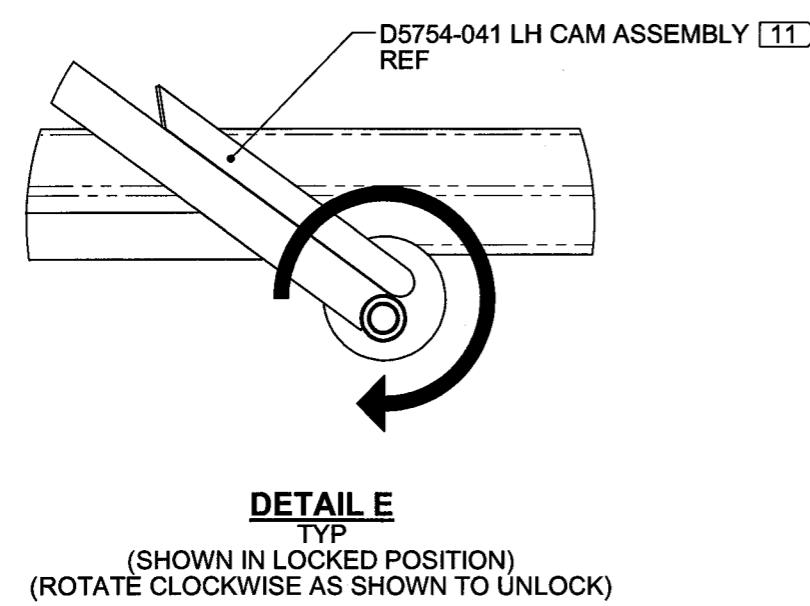
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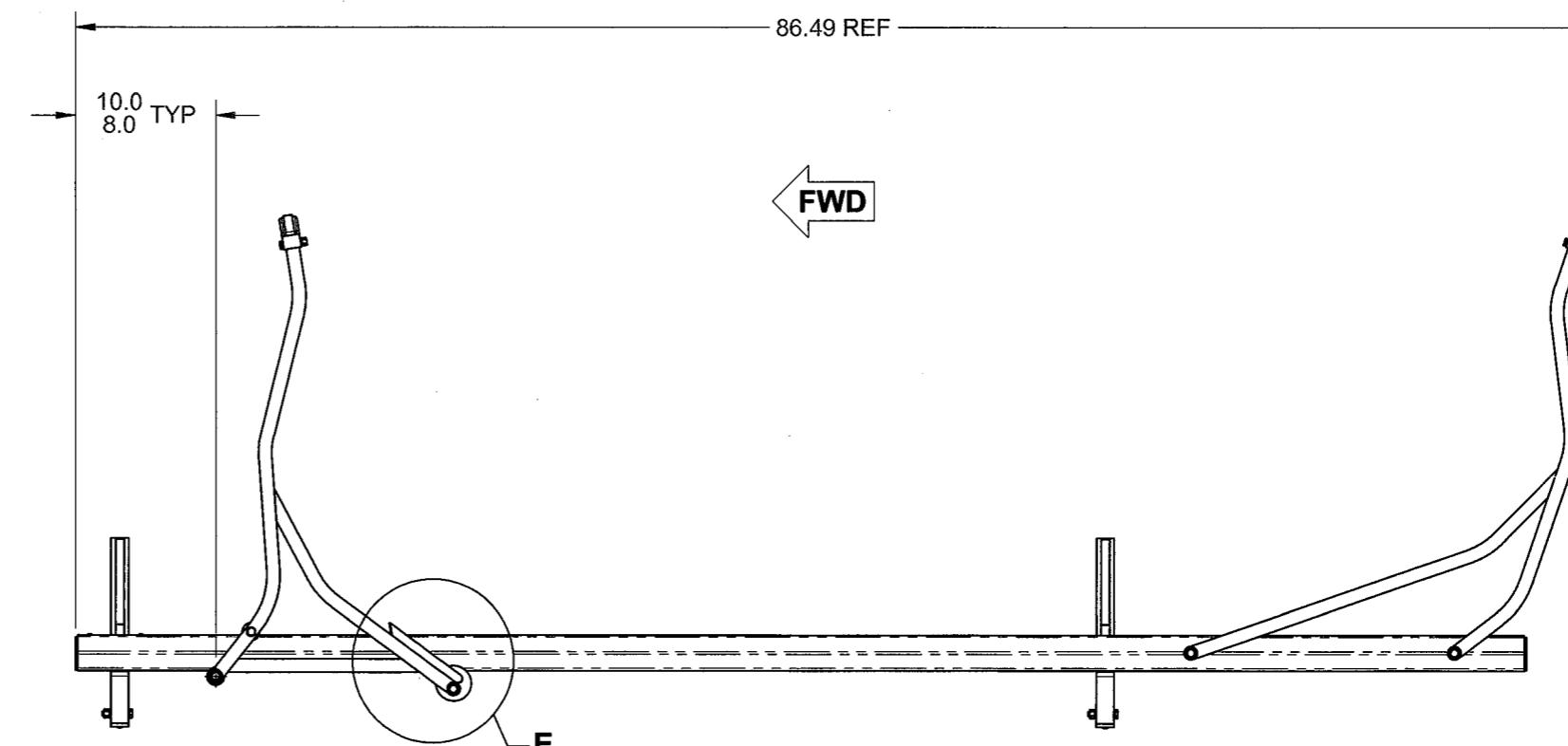
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RELEASED
 2020 MAR 02 N/

APPROVED

DESIGN DRAWN	KPT NO
CHECKED	ZF
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	20.02.10

DART AEROSPACE LTD	HAWKESBURY, ONTARIO, CANADA	REV. B
DRAWING NO.	D5745	SHEET 2 OF 8
TITLE	BICYCLE RACK ASSEMBLY	SCALE NTS

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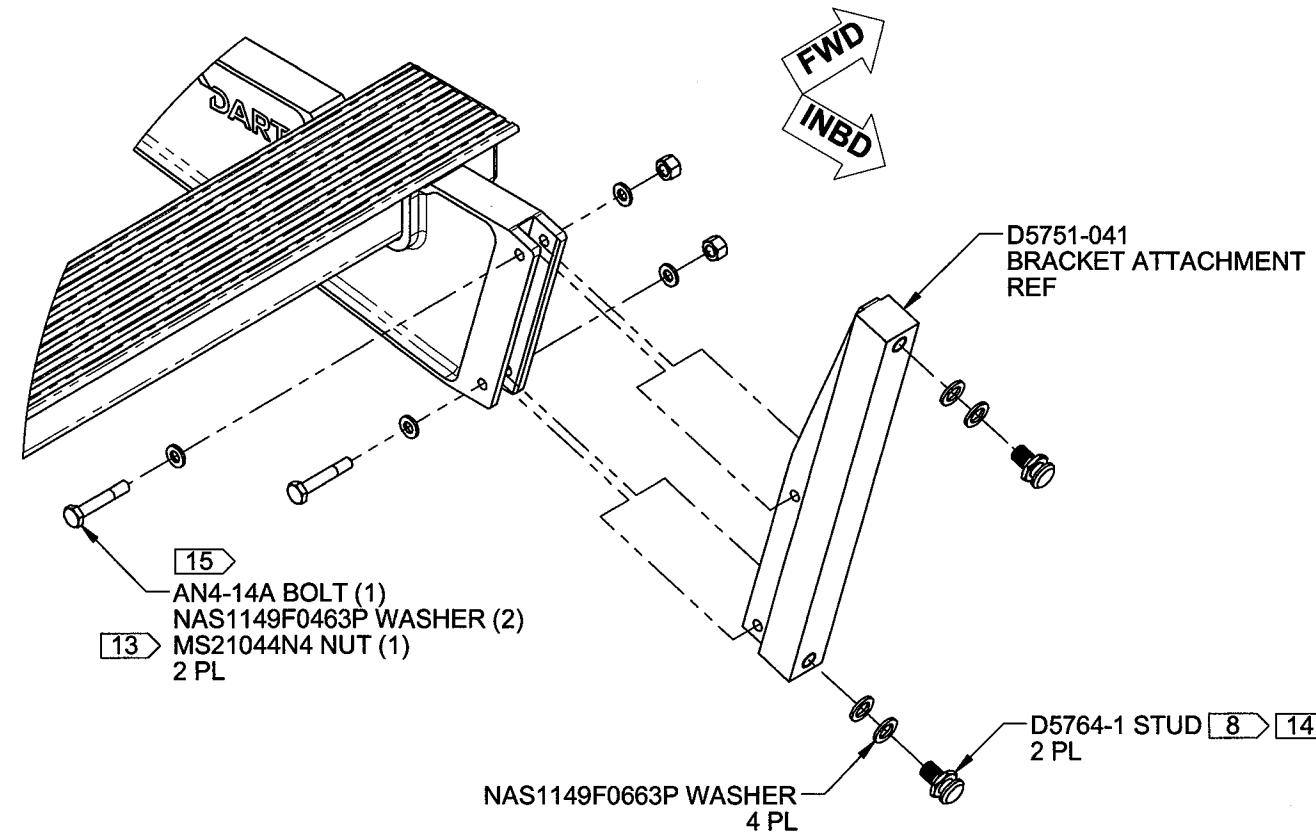
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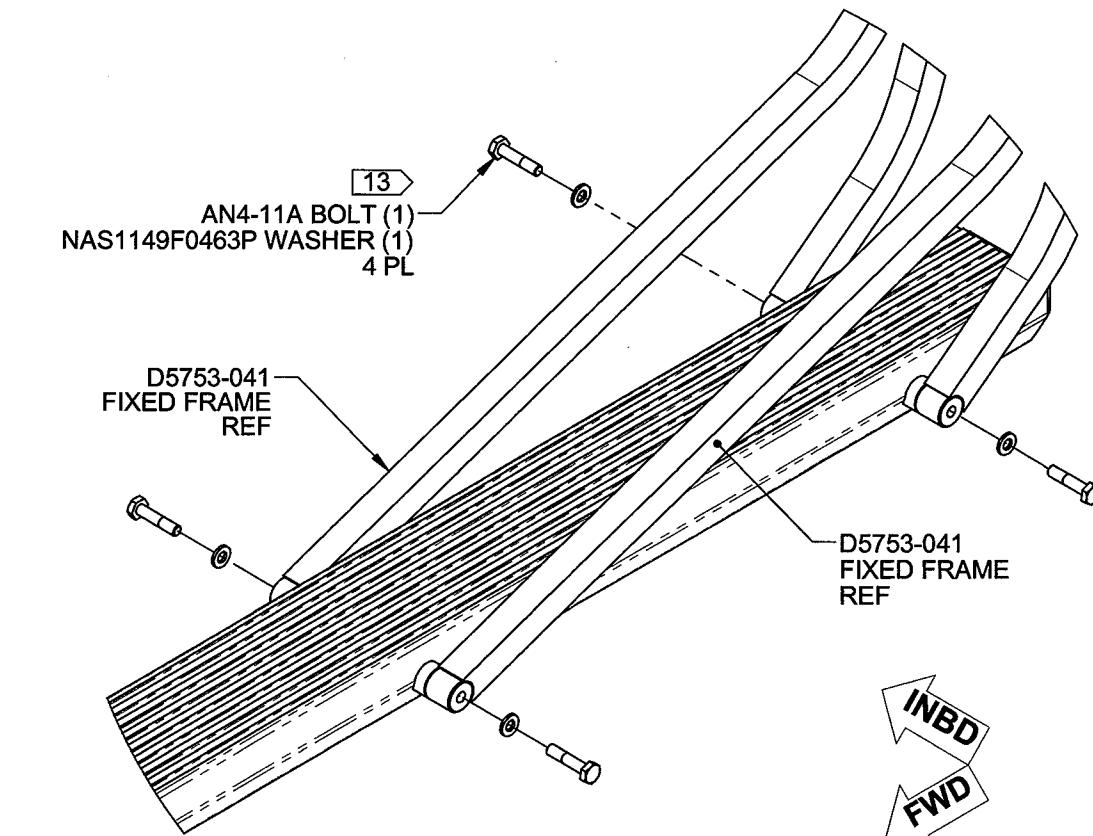
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DETAIL A
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DETAIL B
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RELEASED
2020 MAR 02/MJ

APPROVED

DESIGN	KPT
DRAWN	NO
CHECKED	ZF
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	20.02.10

DART AEROSPACE LTD	HAWKESBURY, ONTARIO, CANADA
DRAWING NO.	D5745
REV. B	SHEET 3 OF 8

BICYCLE RACK ASSEMBLY

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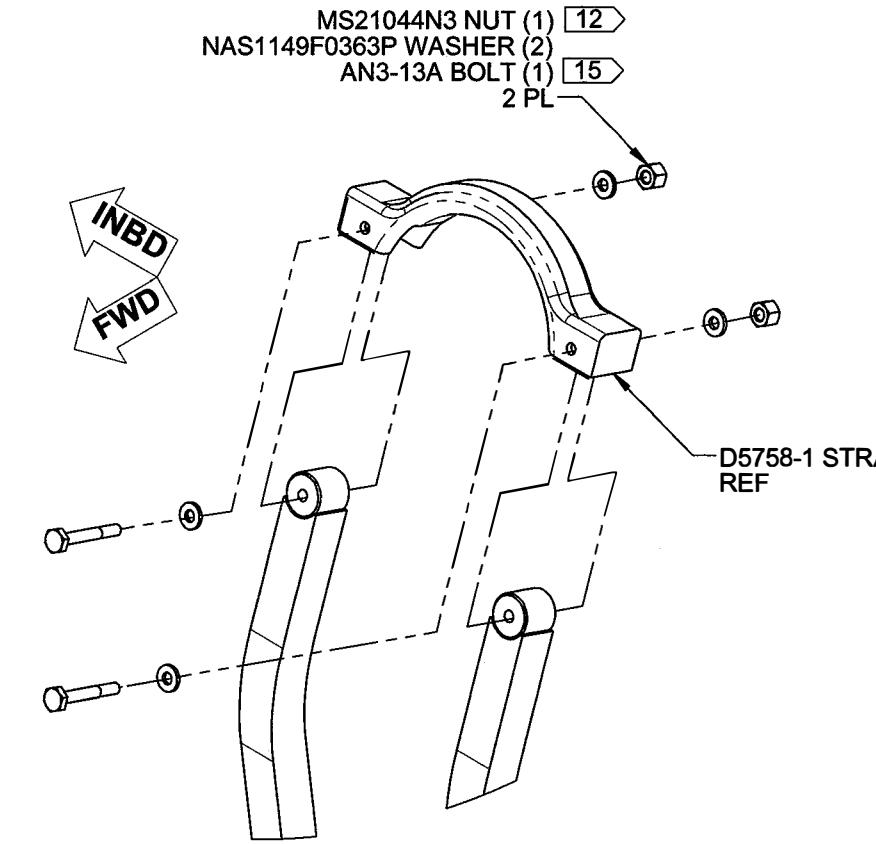
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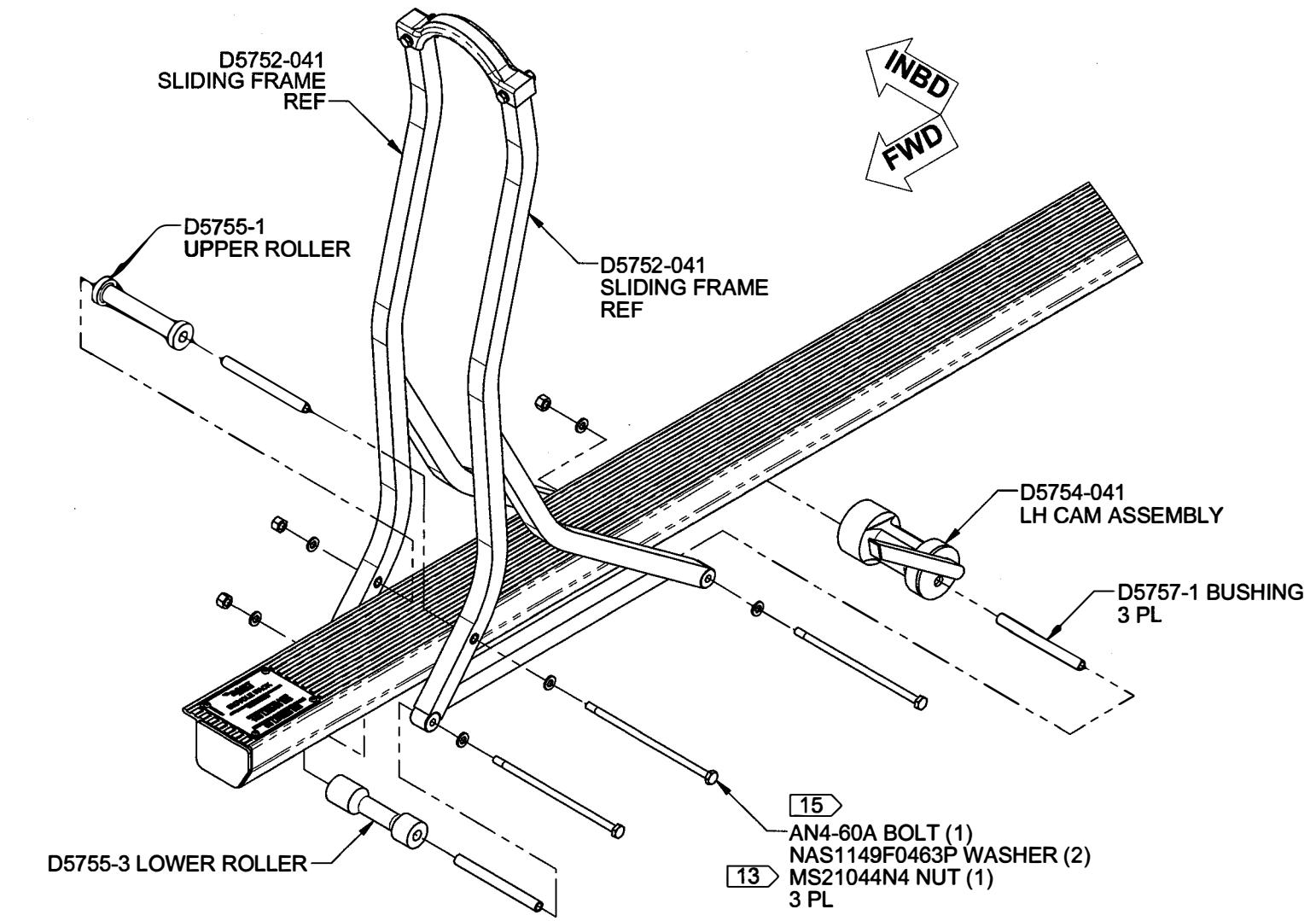
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DETAIL C
6 PL



DETAIL D
3 PL

RELEASED
2020 MAR 02 /W

APPROVED

DATE 20.02.10

DESIGN DRAWN CHECKED MFG. APPR. APPROVED DE APPR. DATE

KPT NO ZF DD NO DS

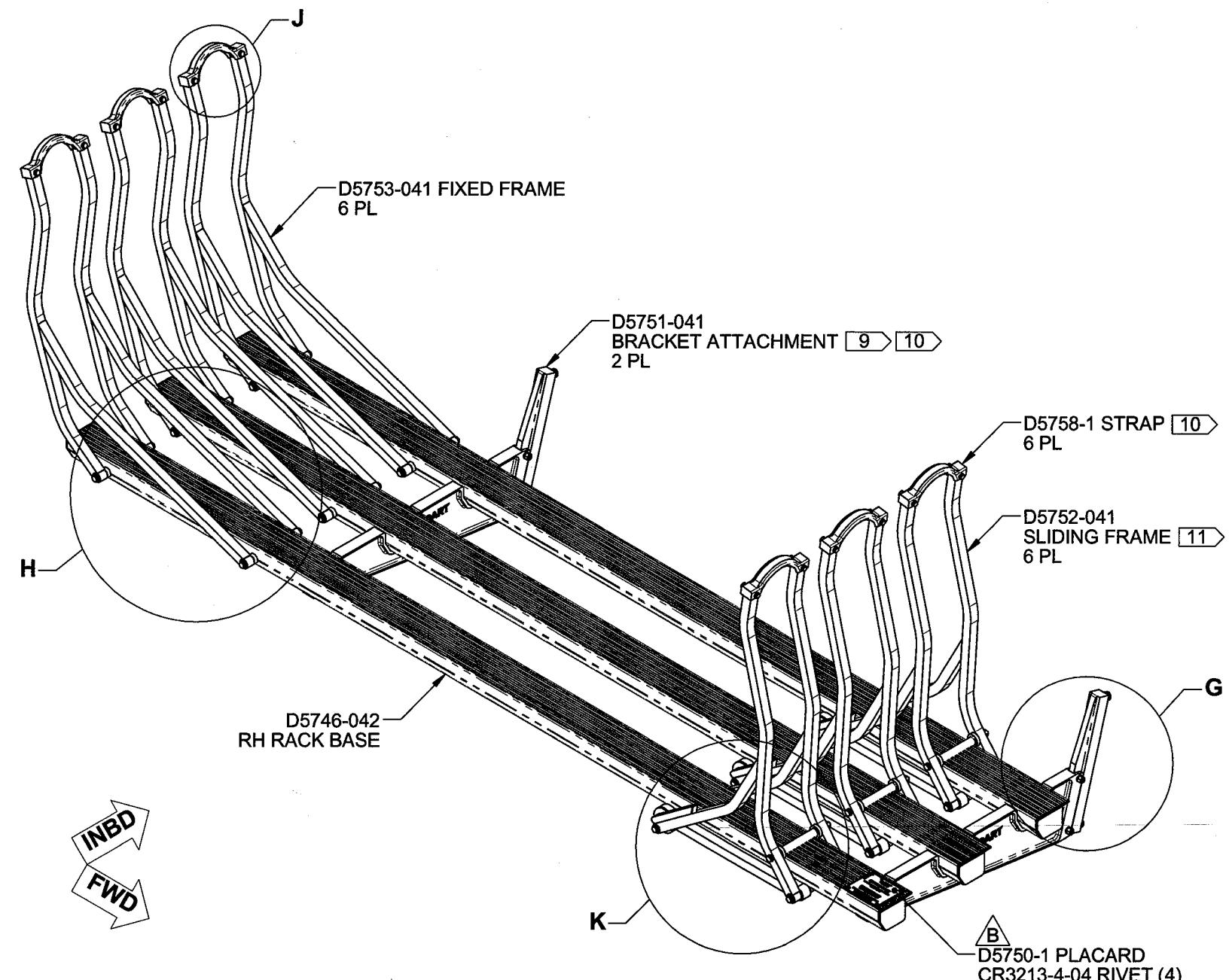
DRAWING NO. D5745

TITLE BICYCLE RACK ASSEMBLY

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DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA
REV. B
SHEET 4 OF 8
SCALE NTS

QTY -042	P/N	DESCRIPTION
X	D5745-042	RH BICYCLE RACK ASSEMBLY
1	D5746-042	RH RACK BASE
1	D5750-1	PLACARD
2	D5751-041	ATTACHMENT BRACKET ASSEMBLY
6	D5752-041	SLIDING FRAME
6	D5753-041	FIXED FRAME
3	D5754-042	RH CAM ASSEMBLY
3	D5755-1	UPPER ROLLER
3	D5755-3	LOWER ROLLER
9	D5757-1	BUSHING
6	D5758-1	STRAP
4	D5764-1	STUD
12	AN3-13A	BOLT
12	AN4-11A	BOLT
4	AN4-14A	BOLT
9	AN4-60A	BOLT
4	CR3213-4-04	CHERRYMAX RIVET
12	MS21044N3	NUT, SELF-LOCKING
13	MS21044N4	NUT, SELF-LOCKING
24	NAS1149F0363P	WASHER
38	NAS1149F0463P	WASHER
8	NAS1149F0663P	WASHER



NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 67.51 lbs
- 8) APPLY NICKEL BASED ANTI-SEIZE COMPOUND TO THREADS OF STUD, THEN INSTALL WITH BRACKET ATTACHMENT
- 9) APPLY LPS 3, OR EQUIVALENT CORROSION PREVENTATIVE COMPOUND TO FLANGE OF BRACKET ATTACHMENT AND BEAM SLOT PRIOR TO ASSEMBLY
- 10) ANY PAINT OR POWDER COAT THAT PREVENTS INSTALLATION OF BRACKET ATTACHMENT AND STRAP MAY BE REMOVED WITH SCOTCH BRITE. APPLY ALODINE TO UNCOATED AREAS PRIOR TO ASSEMBLY
- 11) ENSURE ROLLERS ARE FREE TO ROTATE WITH CAM OPEN AND FRAMES SLIDE ALONG RAIL
ENSURE CAM ROTATES TO LOCKED POSITION WITH LEVER PARALLEL TO FRAME
ENSURE FRAME CANNOT SLIDE ON RAIL WHEN CAM IS IN LOCKED POSITION
- 12) TORQUE TO 12-15 IN-LBS
- 13) TORQUE TO 30-40 IN-LBS
- 14) TORQUE TO 160-190 IN-LBS
- 15) ENSURE 1.5-4 THREADS ARE IN SAFETY

D5745-042 RH BICYCLE RACK ASSEMBLY
(DERIVED FROM AERO DESIGN P/N 100210-01-02)

RELEASED
2020 MAR 02 NO

APPROVED

DESIGN	KPT
DRAWN	NO
CHECKED	ZF
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	20.02.10

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D5745

REV. B
SHEET 5 OF 8

SCALE
NTS

TITLE
BICYCLE RACK ASSEMBLY

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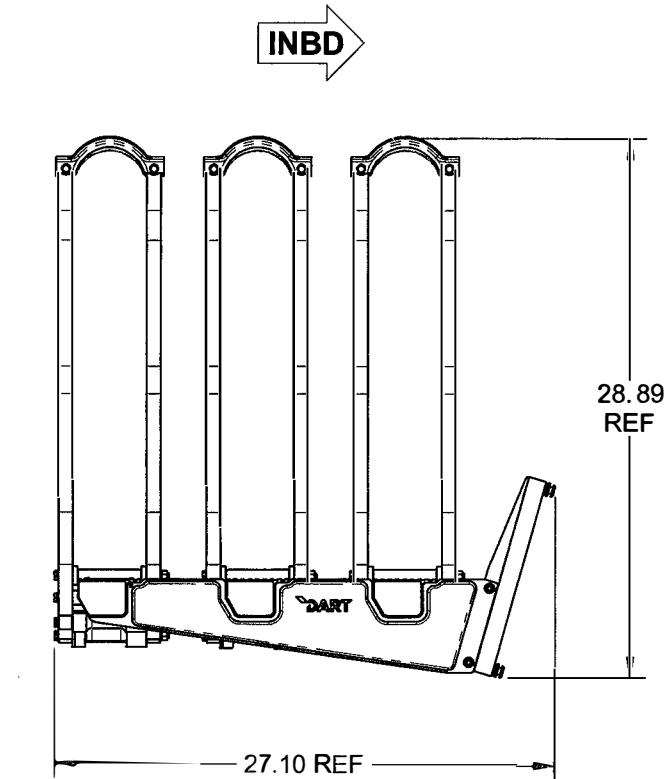
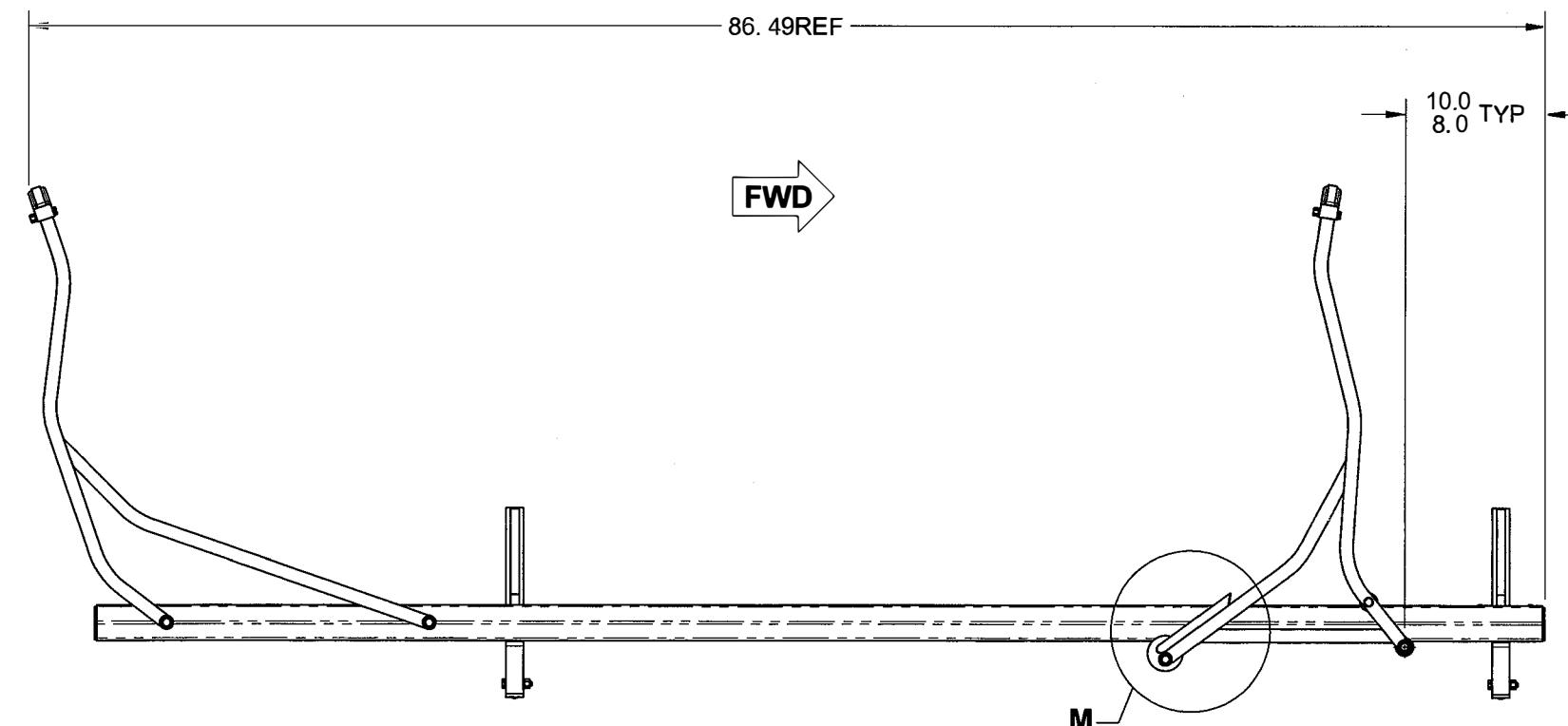
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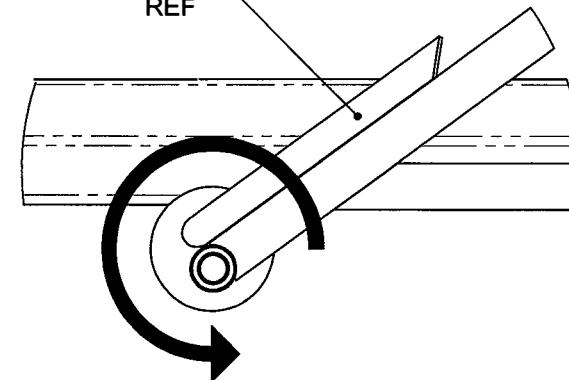
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11 D5754-042RH CAM ASSEMBLY
REF



DETAIL M

TYP

(SHOWN IN LOCKED POSITION)
(ROTATE COUNTER-CLOCKWISE SHOWN TO UNLOCK)

RELEASED
2020 MAR 02 / /

APPROVED

DESIGN	KPT	DART AEROSPACE LTD
DRAWN	NO	HAWKSLEY, ONTARIO, CANADA
CHECKED	ZF	
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DATE	20.02.10	BICYCLE RACK ASSEMBLY
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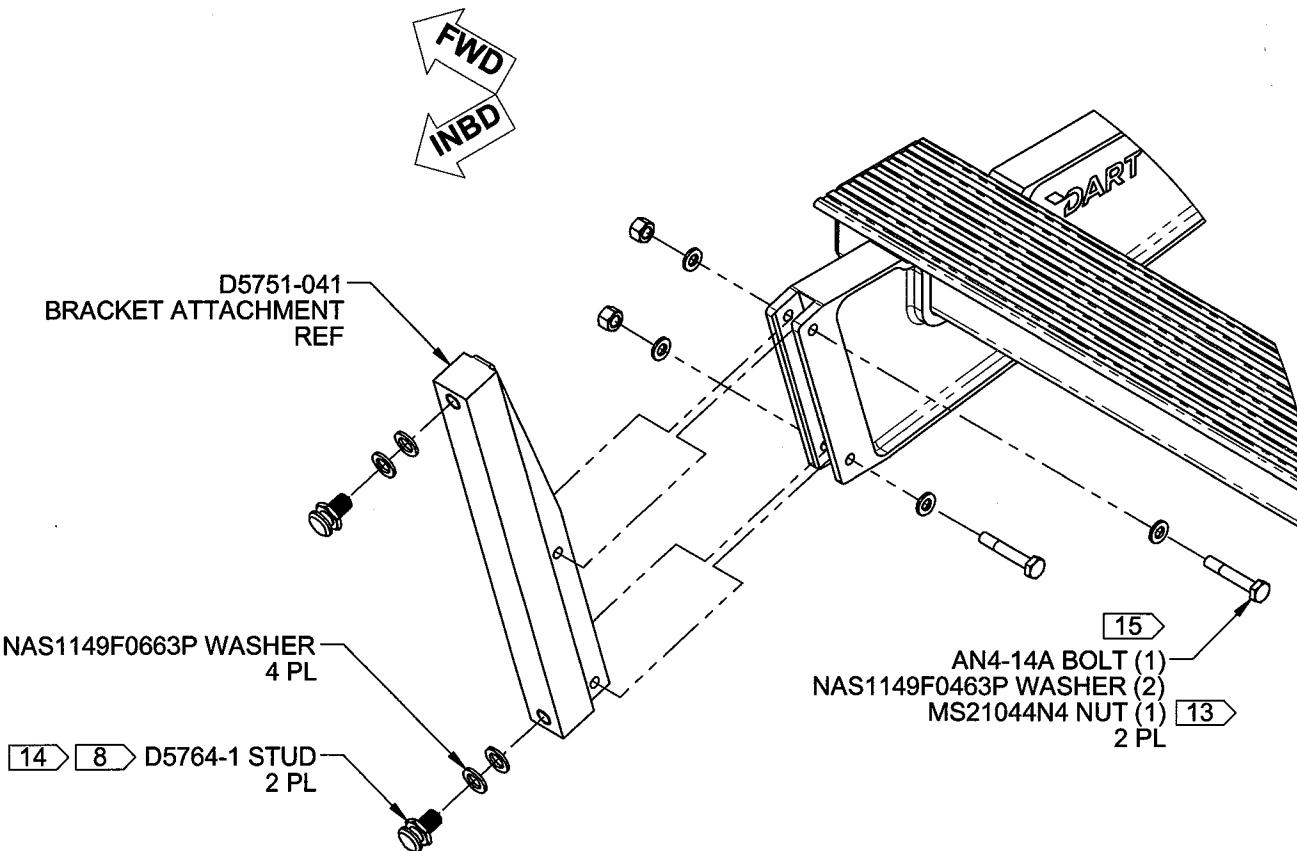
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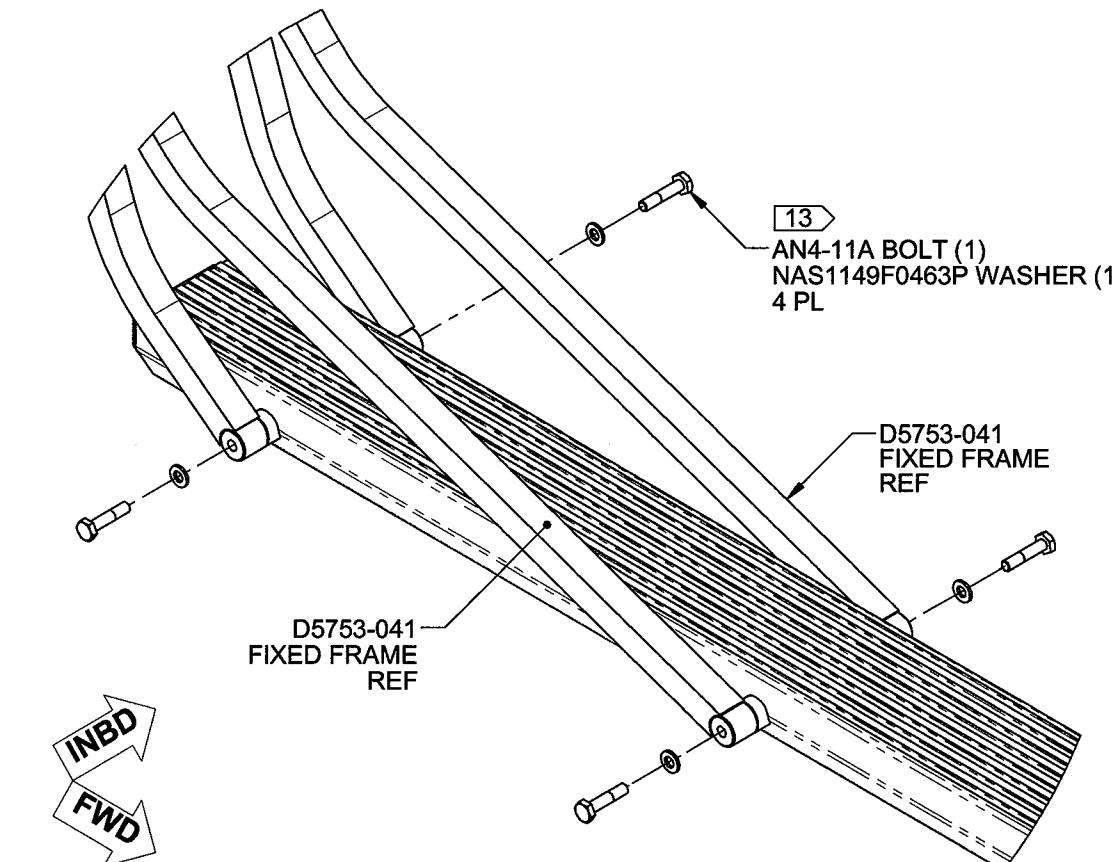
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DETAIL G
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RELEASED
2020 MAR 02 W/6

APPROVED

DESIGN DRAWN	KPT NO
CHECKED	ZF
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	20.02.10

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D5745

REV. B
SHEET 7 OF 8

SCALE
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BICYCLE RACK ASSEMBLY

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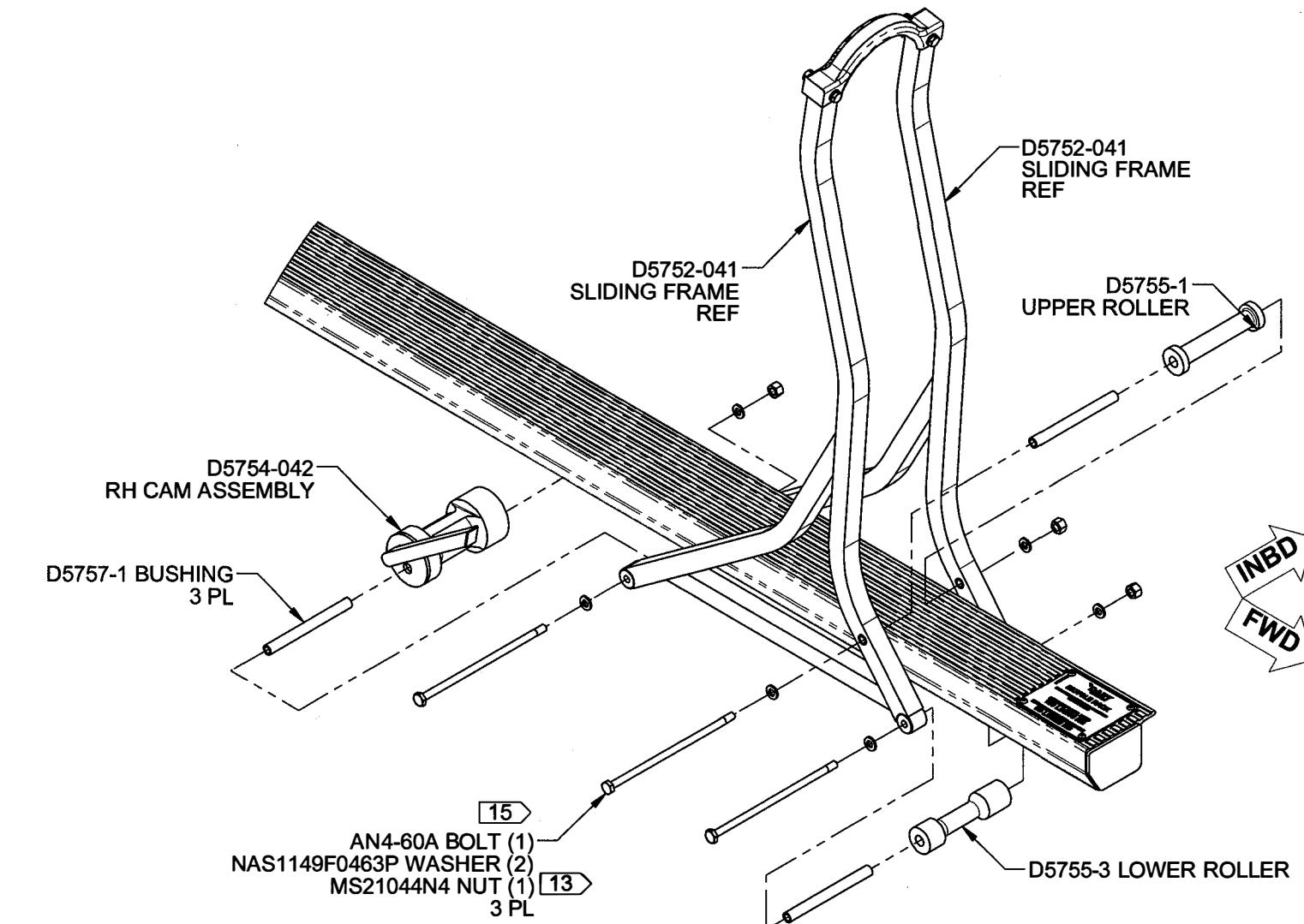
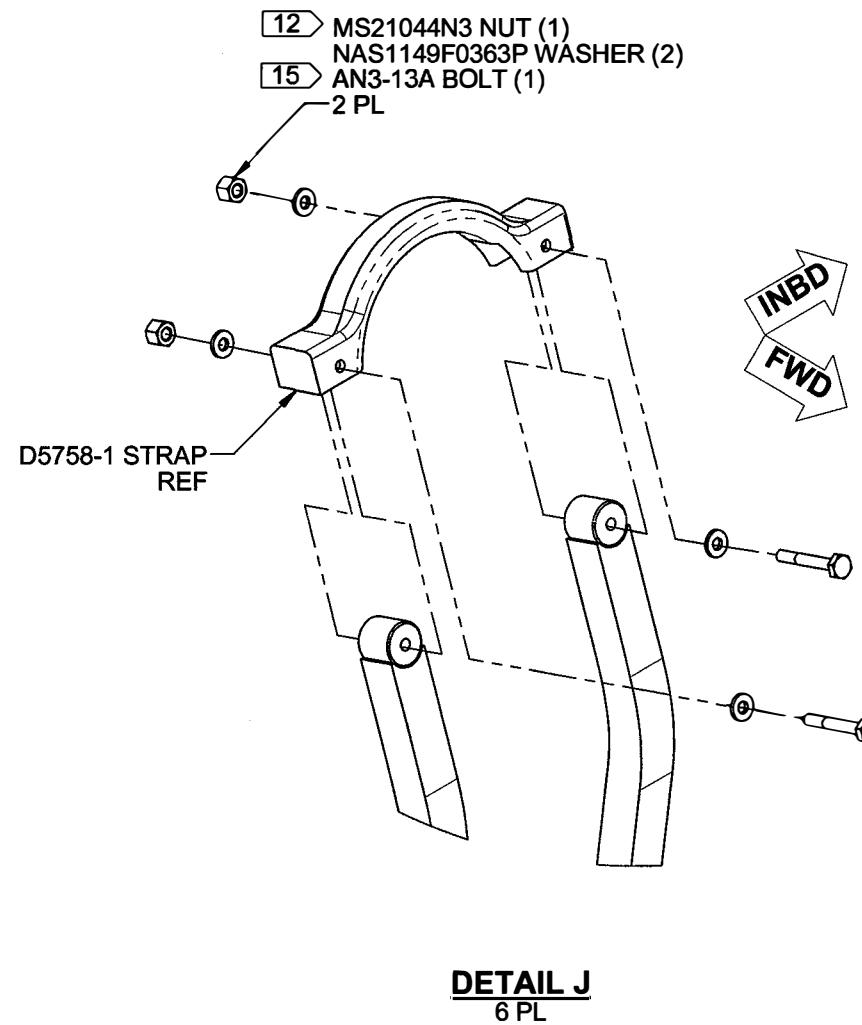
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2020 MAR 02 NO

APPROVED

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C HEC KED	ZF
MFG. APPR.	DD
APPROVED	NO
DE APPR.	DS
DATE	20.02.10

DART AEROSPACE LTD	HAWKESBURY, ONTARIO, CANADA	REV. B
DRAWING NO.	D5745	SHEET 8 OF 8
TITLE	BICYCLE RACK ASSEMBLY	SCALE NTS

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